

IN THE SPECIFICATION:

Please amend paragraph [00012] of the specification *as filed* as follows:

[00012] The task is solved in that the casting mold for the metallic precision casting of fine parts is comprised at least substantially ~~substantial~~ of a porous ceramic in the green or sintered state, of which the thermal coefficient of ~~the~~ expansion is greater than $7.5 \mu\text{m/mK}$ ($7.5 \cdot 10^{-6} \text{K}^{-1}$), wherein the casting mold is produced by a generative rapid prototyping process, preferably employing powder mixtures of coated coarse particles and fine powder.

Please amend paragraph [00037] of the specification *as filed* as follows:

[00037] A further embodiment of the invention envisions that the powder employed for generative RP-process is comprised primarily of coated particles. Therein at least the coarse particles are provided with a coating. The fine particles may be present as the second, generally uncoated, powder component. Preferably the fine particles are however bound in or onto the coating. If nano-particles are employed, these ~~employed, these~~ are typically a component of the coating of the coarse particles.

Please amend paragraph [00042] of the specification *as filed* as follows:

[00042] In yet a further variation of the inventive process, polymer coated ceramic powder particles are employed. Therein the laser output is so adjusted that essentially only a melting and/or sintering of the polymer component occurs; a ceramic sintering process is however precluded. As polymers there are employed thermoplastics, for example poly(meth)acrylate or a duroplastic such as, for example, phenol resin. In the case of the duroplastic under the influence of the laser radiation a carbonization of the material is caused, whereby a solidified carbonaceous

U.S. Application No.: 10/826,582
Amendment G
Reply to Office Action dated 06/09/2008

ATTORNEY DOCKET NO.: 3926.081

carbonaceous residue is formed. The polymers are particularly preferably a component of coated ceramic particles.